

What is claimed is:

1. A liquid crystal display apparatus, comprising:
a liquid crystal display module for displaying
5 picture data;
an enclosure loaded with the liquid crystal display
module for surrounding the side surface and the rear
surface of the liquid crystal display module; and
a front case secured to the enclosure and the liquid
10 crystal display module, said front case being made from
aluminum or aluminum alloy to protect the circumference of
a display area in the liquid crystal display module.
2. The liquid crystal display apparatus as claimed in
15 claim 1, wherein said front case is electrically connected
to the liquid crystal display module.
3. A portable information processing apparatus,
comprising:
20 a main body having an interfacing device;
a hinge coupled to the main body; and
a display apparatus, being mechanically coupled to
the main body through the hinge, for displaying picture
data received from the main body, said display apparatus
25 having a liquid crystal display module for displaying
picture data, an enclosure loaded with the liquid crystal
display module for surrounding the side surface and the
rear surface of the liquid crystal display module, and a
front case secured to the enclosure and the liquid crystal
30 display module, said front case being made from aluminum
or aluminum alloy to protect the circumference of a

display area in the liquid crystal display module.

4. The portable information processing apparatus as claimed in claim 3, wherein said front case is
5 electrically connected to the liquid crystal display module.

5. A portable information processing apparatus,
comprising:

- 10 a main body having an interfacing device;
- a liquid crystal display module for displaying picture data received from the main body;
- an enclosure loaded with the liquid crystal display module for surrounding the side surface and the rear
15 surface of the liquid crystal display module;
- a front case secured to the enclosure and the liquid crystal display module, said front case being made from aluminum or aluminum alloy to cover the circumference of a display area in the liquid crystal display module; and
20 a hinge secured to the main body to have a rotation axis, said hinge having a hinge arm extended from the rotation axis to the enclosure to be positioned between the liquid crystal display module and the enclosure, wherein the liquid crystal display module, the hinge arm
25 and the enclosure are commonly secured thereto.

6. The portable information processing apparatus as claimed in claim 5, wherein said front case is electrically connected to the liquid crystal display
30 module and the hinge.